

## INTERNATIONAL SEARCH REPORT

Inti mal Application No PCT/IB 03/03350

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L1/18 H04L1/16

According to International Patent Classification (IPC) or to both national classification and IPC

## **B. FIELDS SEARCHED**

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{H04L} \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
X	US 2002/101835 A1 (GERAKOULIS DIAKOUMIS PARISSIS) 1 August 2002 (2002-08-01) page 3, right-hand column, paragraph 50 - paragraph 51 page 4, left-hand column, paragraph 55 - paragraph 56		
Υ	page 4, right-hand column, paragraph 57 page 5, left-hand column, paragraph 61 - paragraph 62; figures 2,4,A,4B	7,13	
Y	WO 98 26619 A (ERICSSON GE MOBILE INC) 18 June 1998 (1998-06-18) page 6, line 30 -page 7, line 4	7,13	
A	page 15, line 12 - line 30 page 17, line 24 - line 35 page 21, line 5 - line 24	1,3,5,14	
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Y Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filling date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> </ul>	"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to Involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family
Date of the actual completion of the international search  5 November 2003	Date of mailing of the international search report  17/11/2003
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentiaan 2  NL – 2280 HV Rijswijk  Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,  Fax. (+31–70) 340–3016	Authorized officer Papantoniou, A



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A	US 5 633 874 A (PERSSON BENGT ET AL) 27 May 1997 (1997-05-27) column 3, line 44 -column 4, line 11 column 13, line 35 - line 58 column 14, line 8 - line 15 column 15, line 4 - line 21	1,3,5,14			
A	US 5 918 174 A (CHENNAKESHU SANDEEP ET AL) 29 June 1999 (1999-06-29) column 4, line 21 - line 40 column 6, line 51 - line 57 column 7, line 4 - line 10 column 9, line 1 - line 3	1,3,5,14			

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